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I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on 21 July 2004.

 Christine Crawford - Assistant to Craig A. Ash

21 July 2004

FAX TRANSMITTAL

This is page 1 of 12 pages

To: Assistant Commissioner for Patents
P O Box 1450
Alexandria, VA, 22313-1450 *by fax no. 1 - 703 - 872 9306*

From: Craig A. Ash

Re: :

Inventor(s): WALTER, Bruno
Title: **ACOUSTIC FLOW PULSING APPARATUS AND METHOD FOR DRILL STRING**

Serial No.: 10/614258
Filed: 8 July 2003
Examiner: TSAY, Frank

Art Unit: 3672

ENCLOSURES

TRANSMITTAL LETTER
AMENDMENT

2 PAGE
9 PAGES

Confirmation: ☐ follows by mail; ☐ follows by courier; ☒ will not follow

In the event of transmission problems, please telephone Christine Crawford at 604-669-3432 extension 9060.

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 Christine Crawford - Assistant to Craig A. Ash

File No.: L305 0003
CAA/cc

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith for filing in regard to the patent application of:

Inventor(s): WALTER, Bruno
Title: ACOUSTIC FLOW PULSING APPARATUS AND METHOD FOR DRILL STRING
Serial No.: 10/614258
Filed: 8 July 2003
Examiner: TSAY, Frank
Date: July 21, 2004

Art Unit: 3672

Enclosed are:


☒ Amendment.

☒ The Commissioner is hereby authorized to charge the indicated fees (\$52.00) or credit over-payment, to Account No. 02-1037

☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 02-1037.

CLAIMS AS AMENDED					
For	No. after amendment	No. paid for previously	Present Extra	Rate	Fee
Total Claims (>20)	21	20	1	\$18.00	\$ 18.00
Indep. Claims (>3)	4	3	1	\$86.00	\$ 86.00
Multiple Dep. Claims	0	0	0	\$280.00	\$ 0.00
TOTAL FEES					\$ 104.00
Reduction by 50% for filing by small entity (Note 37 CFR 1.27)					\$ 52.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$ 52.00

Respectfully submitted,
OYEN WIGGS GREEN & MUTALA

By: 
Craig A. Ash
Registration No. 48,228

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Christine Crawford - Secretary to Craig A. AshL305 0003
GNM/RAJ/raj

Paper No.: _____

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Inventor(s): WALTER, Bruno

Title: ACOUSTIC FLOW PULSING APPARATUS AND METHOD FOR
DRILL STRING

Serial No.: 10/614258

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Examiner: TSAY, Frank

Art Unit: 3672

Date: 21 July 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

AMENDMENT**Introductory Comments**

Responsive to the Office action mailed 28 April 2004, please amend this application as follows:

- Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.
- Remarks/Arguments begin on page 8 of this paper.

- 1 -